

EMC Components

ZBDS Series

Ferrite Beads SMD Array

FEATURES

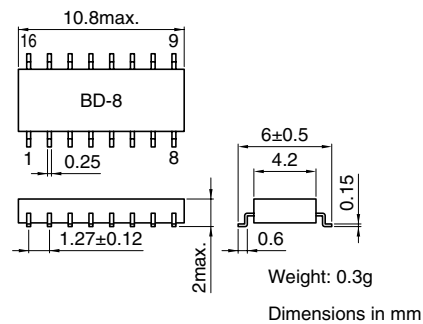
- Good high frequency characteristics due to low distributed capacitance. Effective as a noise absorbing element due to at distributed resistance at high frequencies.
- Height of the miniaturized surface mount bead has been kept 2mm max.

APPLICATIONS

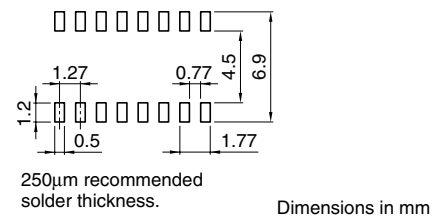
Personal computers, communications equipment, word processors, digital telephones, electronic games, hard disk drives, electronic music instruments, copiers and facsimiles, and other electronic equipment.

SHAPES AND DIMENSIONS

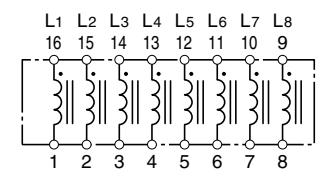
ZBDS5101-8PT



RECOMMENDED PC BOARD PATTERN



CIRCUIT DIAGRAM



ELECTRICAL CHARACTERISTICS

| | |
|-----------------------------------------------|----------------------|
| Part No. | ZBDS5101-8PT |
| Rated voltage E _{dc} (V) | 50 |
| Rated current (A) | 1 |
| DC resistance (Ω)[Each line] | 0.1max. |
| Operating temperature range ($^{\circ}$ C) | -25 to +85 |
| Impedance(Ω)[+5 to +35 $^{\circ}$ C] | 30min.[20 to 500MHz] |

PACKING STYLE AND QUANTITIS

| | |
|--------------|------------------|
| ZBDS5101-8PT | 1000 pieces/reel |
|--------------|------------------|

TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

